



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

T H E  
**Journal of Parasitology**

A QUARTERLY DEVOTED TO MEDICAL ZOOLOGY

---

VOLUME I

DECEMBER, 1914

NUMBER 2

---

EDITORIAL BOARD

FRANKLIN D. BARKER  
*The University of Nebraska*

ALLEN J. SMITH  
*The University of Pennsylvania*

CHARLES F. CRAIG  
*Medical Corps, U. S. Army*

JOHN W. SCOTT  
*The University of Wyoming*

WILLIAM B. HERMS  
*The University of California*

CHARLES W. STILES  
*U. S. Public Health Service*

BRAYTON H. RANSOM  
*U. S. Bureau of Animal Industry*

RICHARD P. STRONG  
*Harvard University*

WILLIAM A. RILEY  
*Cornell University*

JOHN L. TODD  
*McGill University*

ROBERT T. YOUNG  
*The University of North Dakota*

Managing Editor  
**HENRY B. WARD**  
*The University of Illinois*  
URBANA

---

SUBSCRIPTION PRICE    -    -    -    -    -    -    -    -    -    \$2.00 a Volume

---

Entered as second-class matter September 24, 1914 at the post-office at Urbana, Illinois, under the Act of March 3, 1879.

## FOREIGN COLLABORATORS

---

B. BLACKLOCK	- - - -	Runcorn Research Laboratories, England
RAPHAEL BLANCHARD	- - -	College of Medicine, Paris, France
MAX BRAUN	- - - -	University of Königsberg, Germany
ANTON BREINL	Australian Institute of Tropical Medicine, N. Queensland	
J. BURTON CLELAND	- -	Bureau of Microbiology, Sydney, Australia
O. FUHRMANN	- -	Natural History Museum, Neuchatel, Switzerland
B. GALLI-VALERIO	-	Laboratory of Parasitology, Lausanne, Switzerland
L. GEDOELST	- - -	State Veterinary School, Brussels, Belgium
L. A. VON JÄGERSKIÖLD	- -	Zoological Museum, Goteborg, Sweden
T. HARVEY JOHNSTON	- - -	University of Queensland, Australia
MARIE V. LEBOUR	- - - -	University of Leeds, England
R. T. LEIPER	- - - -	School of Tropical Medicine, London
A. LOOSS	- - - -	Medical School, Cairo, Egypt
MAX LÜHE	- - - -	University of Königsberg, Germany
P. S. DE MAGALHAES	- -	Medical Faculty, Rio de Janeiro, Brazil
AL. MRÁZEK	- - - -	Bohemian University, Prague
WILLIAM NICOLL	Australian Institute of Tropical Medicine, N. Queensland	
T. ODHNER	- - - -	Zoological Museum, Christiania, Norway
E. PERRONCITO	- - - -	University of Turin, Italy
TH. PINTNER	- - - -	University of Vienna, Austria
A. RAILLIET	- - - -	National Veterinary School, Paris, France
S. VON RÁTZ	- - - -	Hungarian Veterinary Academy, Budapest
A. E. SHIPLEY	- - - -	Christ's College, Cambridge, England
T. SOUTHWELL	- - - -	Director of Fisheries, Calcutta, India
GEORGINA SWEET	- - - -	University of Melbourne, Australia
S. O. YOSHIDA	- - - -	Osaka Medical Academy, Japan

---

## NOTICE TO AUTHORS

**The Journal of Parasitology**, published quarterly, is a medium for the prompt appearance of briefer papers and notes on Animal Parasites whether Protozoa, Vermes, or Arthropoda, concise technical notes of interest to parasitologists, and brief reviews of monographs and books. The Journal will publish the records of the Helminthological Society of Washington. It will include also brief reports of personal and institutional events in the field of parasitology.

**The Editorial Board** will be glad to examine contributions on the morphology, life history, or biology of zooparasites. The Journal aims to cover the general field of the relation of animals to disease in man and other animals. Every paper accepted is taken with the specific understanding that it is to be published exclusively in this journal unless otherwise arranged in advance.

**Manuscripts** must be typewritten; figures must be drawn for reproduction as zinc etchings and will be printed in the text unless the author is prepared to meet the additional cost of plates or of half-tone illustrations. Manuscripts and drawings when submitted are understood to be in finished form for transmission to the printer, and subsequent alterations will be made at the expense of the author. In case of necessary changes, such as typewriting of manuscript and proper lettering of figures, the work will be done at the expense of the author.

**Long Bibliographies** will not be printed, and only such papers cited as are essential. The Harvard system of citation will be followed in briefest form. A proof indicating the precise method will be furnished authors on application. Footnotes will be employed only exceptionally.

**The Journal** will give each author 25 copies of the number containing his paper and the printer is ready to furnish additional copies of any article at cost provided the order is placed when the galley proof is returned. A blank form accompanies the proof for this purpose.

**Manuscripts and Drawings** for publication, books for review, subscriptions, and all correspondence relative to the Journal should be sent to the managing editor, Henry B. Ward, The University of Illinois, Urbana, Illinois.